

LISTING OF THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1 through 100 (Canceled).

101. (New) A dual function handlebar mounted actuator comprising means for operating a brake function and means for operating a clutch function, a single hand operated lever for contact by a user, the lever being arranged to separately activate at least one of said brake function operating means and said clutch function operating means, wherein said brake function operating means and said clutch function operating means are linked so that a combined brake and clutch function can be activated.

102. (New) The dual function handlebar mounted actuator according to claim 101, wherein said clutch function operating means and said brake function operating means are mechanically linked together so that a consistent overlap or separation between the clutch and brake functions is achieved.

103. (New) The dual function handlebar mounted actuator according to claim 101, wherein said clutch function operating means and said brake function operating means are linked during use by means of at least one activation member.

104. (New) The dual function handlebar mounted actuator according to claim 103, wherein said at least one activation member is adjustable so that a point at which the combined brake and clutch function is initiated is adjustable.

105. (New) The dual function handlebar mounted actuator according to claim 101, wherein said clutch function operating means and said brake function operating means are linked by a cam arrangement.

106. (New) The dual function handlebar mounted actuator according to claim 101,

wherein the lever is arranged so that movement in a first direction activates said clutch function operating means and further movement of the lever in the first direction to an activation point activates said brake function operating means.

107. (New) The dual function handlebar mounted actuator according to claim 106, wherein activation of the lever in a second direction activates said brake function and continued activation of the lever in said second direction activates said clutch function.

108. (New) The dual function handlebar mounted actuator according to claim 101, further including indication means to indicate to the user when the brake function is initiated.

109. (New) The dual function handlebar mounted actuator according to claim 101, wherein the lever includes a first portion and a second portion, the lever being arranged so that movement of the first portion initially operates said clutch function, movement of the second portion initially operates said brake function and movement from a point between the first portion and the second portion operates both said brake function and said clutch function.

110. (New) The dual function handlebar mounted actuator according to claim 109, wherein continued movement of either the first portion or the second portion of the lever will respectively result in the operation of said brake function or said clutch function so that the combined brake and clutch function is operated.

111. (New) The dual function handlebar mounted actuator according to claim 101, further including means for sensing an R.P.M. of an associated engine, wherein the lever is arranged so that when the sensed R.P.M. is above a first predetermined value, movement of a first portion of the lever will result in operation of said brake function, and wherein when the sensed R.P.M. is below the first predetermined value movement of the first portion of the lever will result in operation of said brake function and said clutch function so as to prevent stalling of the engine.

112. (New) The dual function handlebar mounted actuator according to claim 111, wherein initial movement of a second portion of the lever results in operation of the clutch function independently of said brake function, and that further movement of the second portion of the lever results in operation of both said clutch function and said brake function.

113. (New) The dual function handlebar mounted actuator according to claim 101, wherein movement of the lever in a first direction operates said clutch function, movement of the lever in a second direction operates said brake function, the dual function handlebar further includes a combined function means arranged so that when the lever is moved in said first direction to an initiation point said combined function means causes the lever to also move in said second direction so that both said clutch function and said brake function are operated.

114. (New) The dual function handlebar mounted actuator according to claim 101, wherein said clutch function and/or said brake function may also be activated by a foot operated control.

115. (New) The dual function handlebar mounted actuator according to claim 101, wherein once said clutch function is initiated so as to disengage a clutch of a vehicle, any further travel of the lever requires little or no additional force to be applied to the lever by the user.

116. (New) The dual function handlebar mounted actuator according to claim 101, wherein said clutch function and said brake function have an overlap therebetween that can be varied by the user during use.